

## UTILITY

PATENT APPLICATION  
TRANSMITTAL

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

33585/US

March 8, 2004

First Inventor or Application Identifier

Jeffrey R. Jobs et al.

Title

MEMORY HUB ARCHITECTURE HAVING  
PROGRAMMABLE LANE WIDTHS

Express Mail Label No.

EL 646074085 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Sheet (+ copy)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant(s) Claim(s) Small Entity Status
3. ☒ Specification [Total Pages] **24**  
(preferred arrangement set forth below)
- Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets] **2**
5. ☒ Oath or Declaration [Total Pages] **2**
- a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer-Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Preliminary Amendment Total Pages \_\_\_\_\_
14. ☒ Return Receipt Postcard
15. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☒ Other: Certificate of Express Mail  
Check

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: \_\_\_\_\_ Filed \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

☐ Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## CORRESPONDENCE ADDRESS

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TYPED or PRINTED NAME Edward W. BulchisREGISTRATION NO. 26,847SIGNATURE Edward W. BulchisDate March 8, 2004

# FEE TRANSMITTAL SHEET (FOR FY 2004)

**Complete if Known**

Express Mail No.	EL 646074085 US
Filing Date	Concurrently Herewith
First Named Inventor	Jeffrey R. Jobs
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	33585/US

**METHOD OF PAYMENT (Check One)**

**FEE CALCULATION (Continued)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	770	2001	385	<input checked="" type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee

**Subtotal (1) \$770**

**2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total 57	- 20	= 37	x \$ 18	= \$ 666
Ind. 4	- 3	= 1	x \$ 86	= \$ 86
Multiple Dependent Claims		x	\$	\$

**Subtotal (2) \$ 752**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 <sup>nd</sup> month	\$
1253	950	2253	475	Extension for reply within 3 <sup>rd</sup> month	\$
1254	1,480	2254	740	Extension for reply within 4 <sup>th</sup> month	\$
1255	2,010	2255	1,005	Extension for reply within 5 <sup>th</sup> month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1806	180	1806	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$40
1801	770	2801	385	Request for Continued Examination (RCE)	\$

Other fee (specify)

**Subtotal (3) \$40**

**Total Amount of Payment: \$1562**

**Submitted by:**

Name: Edward W. Bulchis

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Telephone: (206) 903-8800

Signature: 

Date: March 8, 2004

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Jeffrey R. Jobs and Thomas A. Stenglein      Attorney Docket No.: 33585/US  
Filed : March 8, 2004  
Title : MEMORY HUB ARCHITECTURE HAVING PROGRAMMABLE LANE WIDTHS

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**


**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 646074085 US, on March 8, 2004, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
DORSEY & WHITNEY LLP

  
/ for West Courier

EWB:dms

**Enclosures:**

Postcard  
Check  
PTO/SB/05 Utility Patent Application Transmittal  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Specification, Claims, Abstract (24 pages)  
2 Sheets of Drawings (Figures 1-2)  
Declaration  
Form PTO-1595  
Assignment  
Information Disclosure Statement, Form PTO-1449

